

Serial No: 09/847,298

WALSDORFF et al.

PF 51416

## Appendix I

Current listing of claims:

Please add new claim 13 as set forth in the following listing of claims:

1. *(canceled)*
2. *(previously presented)* A catalyst as in claim 12, wherein the catalyst support comprises from 10 to 100% by weight of  $\delta$ -Al<sub>2</sub>O<sub>3</sub>.
3. *(previously presented)* A catalyst as in claim 12, wherein the active components employed are from 1 to 15% by weight of copper, from 0.1 to 6% by weight of alkali metals, and from 0 to 5% by weight of alkaline earth metals, rare-earth metals or mixtures thereof.
4. *(canceled)*
5. *(previously presented)* A process for the preparation of the catalyst of claim 12, which comprises impregnating pulverulent  $\delta$ -Al<sub>2</sub>O<sub>3</sub>-containing support with salts of copper, alkali metals and, optionally, alkaline earth metals, rare-earth metals or mixtures thereof, separately from one another or together, optionally with the addition of acids or oxidants.
6. *(previously presented)* The process of claim 5, wherein the salts employed are chlorides.
7. *(canceled)*
8. *(canceled)*
9. *(canceled)*
10. *(canceled)*
11. *(canceled)*
12. *(previously presented)* An oxychlorination catalyst in powder form for use as a fluidized-bed catalyst which comprises at least one active component with a catalyst support comprising  $\delta$ -Al<sub>2</sub>O<sub>3</sub> in an amount detectable by X-ray diffractometry.

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13 (*new*) A catalyst as in claim 12, wherein the active component copper is from 2 to 10% by weight, and the active component alkali metals are from 0.25 to 2% by weight.

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